AMENDMENTS TO THE CLAIMS:

Please cancel claims 4-9 and 14-19 without prejudice or disclaimer.

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Previously Presented) A flat plate heat exchanger which includes:

a support structure having at least one elongate support member having a known width; and

a plurality of generally flat plate members formed of a heat conductive material, and arranged for attachment to said at least one support member, so as to be supported thereby,

each said plate member including at least one edge portion, and at least one support engagement portion which includes:

a recess formed in a predetermined one of said at least one edge portion of said plate member, configured to at least partially accommodate the width of said at least one support member, said recess having an outlet for admitting said at least one support member; and

a flexible arm formed along a portion of the recess, terminating in a lateral protrusion protruding inwardly into said recess, thereby to constrict said outlet such that said recess outlet has a width that is less than the width of said at least one support member,

said flexible arm being operative in the presence of at least a predetermined lateral flexure force applied thereto to snap couple and decouple said plate member and said at least one elongate support member, and further, in the absence of at least a predetermined lateral flexure force applied thereto, to prevent coupling or de-coupling of said plate member from said at least one support member,

said flexible arm being further operative to flex in a direction which is both lateral to the direction of coupling and de-coupling and in the plane of said plate member.

2-9. (Canceled)

10. (Previously Presented) A flat plate heat exchanger according to claim 1, wherein said at least one elongate support member includes a pair of spaced apart generally parallel elongate support member, and each said flat plate member has a pair of generally parallel edge portions each having formed therein a single one of said at least one support engagement portion for coupling with a selected one of said support members,

and wherein said flat plate is configured such that, when a first of said support engagement portions is coupled with a first of said elongate support members, the other of said support engagement portions is coupled with the other of said support members so as to define therewith a space in a direction generally parallel to an axis extending between said pair of elongate support members.

11. (Previously Presented) For use in a flat plate heat exchanger having one or more elongate support members of known width for supporting a stack of flat plate members, a flat plate member which includes:

a generally flat plate portion formed of a heat conductive material; and

at least one support engagement portion which includes:

a recess formed in a predetermined one of said at least one edge portion of said plate member, configured to at least partially accommodate the width of one of the support members, said recess having an outlet for admitting the support member; and

a flexible arm formed along a portion of the recess, terminating in a lateral protrusion protruding inwardly into said recess, thereby to constrict said outlet such that said recess outlet has a width that is less than the width of the support member,

said flexible arm being operative in the presence of at least a predetermined lateral flexure force applied thereto to snap couple and decouple said plate member and the elongate support member, and further, in the absence of at least a predetermined lateral flexure force applied thereto, to prevent coupling or de-coupling of said plate member from the support member,

said flexible arm being further operative to flex in a direction which is both lateral to the direction of coupling and de-coupling and in the plane of said plate member.

12-19. (Canceled)

20. (Previously Presented) A flat plate member according to claim 11, wherein the elongate support apparatus includes a pair of generally parallel elongate support members spaced apart along an axis, and each said flat plate member has a pair of generally parallel edge portions each having formed therein a single one of said at least one support engagement portion for coupling with a selected one of the support members,

and wherein said flat plate is configured such that, when a first of said support engagement portions is coupled with a first of the elongate support members, the other of said support engagement portions is coupled with the other of the support members so as to define therewith a space along said axis, thereby to accommodate thermal expansion of said flat plate member.